Resource Summary Report

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Wisconsin Cortical Thickness Analysis (CTA) Toolbox

RRID:SCR_014180
Type: Tool

Proper Citation

Wisconsin Cortical Thickness Analysis (CTA) Toolbox (RRID:SCR_014180)

Resource Information

URL: http://www.nitrc.org/projects/cta_toolbox

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Description: A Matlab tool to perform statistical analysis on cortical thickness signals on brain surfaces obtained from Freesurfer. It is used for multi-resolutional analysis of such cortical thickness signals and detecting group differences. It is based on the Spectral Graph Wavelet Transform (SGWT) toolbox and provides plug and play methods for deriving Wavelet Multiscale Descriptor (WMD), cortical thickness smoothing using SGWT, Multivariate General Linear Model (MGLM), and False Discovery Rate (FDR).

Resource Type: data analysis software, software resource, software application, data processing software, software toolkit

Keywords: matlab, software toolkit, cortical thickness signal, data analysis software

Funding: Wisconsin Partnership Program ;
NIA R01AG040396;
NIA R01AG021155;
NSF RI 1116584;
NSF CAREER 1252725;
UW ADRC NIA P50 AG033514;
UW ICTR NCRR 1UL1RR025011;
NIA P30 AG010129;
NIA K01 AG030514

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Alternate URLs: http://pages.cs.wisc.edu/~wonhwa/code/CTA_toolbox.html, http://pages.cs.wisc.edu/~wonhwa/project/ctdiscrim.html

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Ratings and Alerts

No rating or validation information has been found for Wisconsin Cortical Thickness Analysis (CTA) Toolbox.

No alerts have been found for Wisconsin Cortical Thickness Analysis (CTA) Toolbox.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.